

**Table A-11. Intramural R&D performance at individual nonprofit organizations, by type of organization:  
fiscal years 1996 and 1997**  
 [In millions of dollars]

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Nonprofit organization (ranked by 1997 R&D expenditures)	Intramural R&D expenditures		Type of organization <sup>1</sup>
	1997	1996	
United States, weighted total.....	7,349.17	7,063.34	
Total, all respondents.....	3,011.98	2,824.97	
Howard Hughes Medical Institute.....	352.00	304.00	1
Mayo Foundation/St.Mary's Hospital Rochester.....	156.72	140.13	1
SRI International.....	146.14	145.64	1
Memorial Sloan Kettering Cancer Center.....	115.23	112.35	1
Research Triangle Institute.....	112.90	112.80	1
Fred Hutchinson Cancer Research Center.....	100.47	89.72	1
SEMATECH, Inc.....	97.70	106.30	8
Dana-Farber Cancer Institute (Children's Cancer Research Foundation).....	91.00	91.00	2
Brigham and Women's Hospital.....	87.79	78.54	3
Beth Israel Deaconess Medical Center, Inc.....	83.41	74.82	3
Charles Stark Draper Laboratory, Inc.....	60.60	52.50	1
The Salk Institute For Biological Studies.....	56.08	54.47	1
Ludwig Institute for Cancer Research.....	54.50	51.65	1
Analytic Services, Inc.....	51.77	45.02	1
Harbor-UCLA Research and Education Institute.....	46.69	44.43	1
Childrens Hospital of Philadelphia.....	45.72	42.97	3
Rand Corporation.....	43.00	42.50	1
Population Council.....	42.23	40.49	1
Summer Institute of Linguistics, Inc.....	41.00	38.32	4
Whitehead Institute for Biomedical Research.....	40.71	35.96	1
Henry Ford Health System.....	39.17	35.75	5
Family Health International.....	35.77	34.42	1
Cold Spring Harbor Laboratory.....	34.74	32.29	5
American Institute for Research.....	32.72	24.69	1
Association of Universities for Research In Astronomy, Inc.....	32.59	24.69	9
National Jewish Medical and Research Center.....	26.73	24.87	1
Cedars Sinai Medical Center.....	25.55	29.22	2
Wistar Institute.....	25.30	25.36	1
Fox Chase Cancer Center.....	24.78	25.15	1
Jackson Laboratory.....	24.58	23.26	1
University Corporation for Atmospheric Research.....	23.33	26.22	9
Oklahoma Medical Research Foundation.....	21.99	21.40	1
Institute for Cancer Research.....	21.60	21.87	1
Syracuse Research Corp.....	20.60	18.10	1
The Burnham Institute.....	19.50	17.20	1
The Conference Board.....	19.44	17.36	1
Corp Communications/Factory Mutual Research Corporation.....	19.13	18.80	1
North Shore University Hospital.....	18.50	18.00	2

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	1997	1996	
McLean Hospital.....	18.49	20.89	2
Southwest Foundation for Biomedical Research.....	18.02	16.35	1
Chemical Industry Institute of Toxicology.....	17.25	17.54	1
Childrens Research Institute.....	14.68	13.85	3
Magee-Womens Hospital.....	13.82	13.67	1
Center for Health Research - Kaiser Foundation Hospitals.....	13.46	13.81	1
Center For Blood Research.....	12.40	11.20	1
Public Health Research Institute of The City of New York.....	12.19	10.31	1
Childrens Hospital Research Foundation.....	12.11	9.31	1
Samuel Roberts Noble Foundation.....	12.06	11.13	5
Friends Medical Science Research Center.....	11.72	10.78	1
International Food Policy Research Institute.....	11.23	9.08	1
Oregon Regional Primate Research Center.....	11.17	10.60	1
LaJolla Institute for Allergy and Immunology.....	11.16	8.42	1
Frontier Science & Technology Research Foundation, Inc.....	10.37	9.12	1
Kennedy Research Institute, Inc.....	9.62	9.55	1
Michigan Public Health Institute.....	9.22	5.32	1
Academy of Natural Science of Philadelphia.....	9.21	8.93	1
Albert Einstein Healthcare Network.....	8.91	8.46	3
Oregon Research Institute.....	8.82	8.21	1
Edison Welding Institute.....	8.80	7.33	1
California Pacific Medical Center Research Institute.....	8.10	7.70	3
New York Botanical Garden.....	7.35	7.30	1
Emanuel Hospital.....	7.00	7.00	3
Monell Chemical Senses Center.....	7.00	7.06	1
Forsyth Dental Center.....	6.99	7.21	1
SETI Institute.....	6.92	5.91	1
Beth Israel Medical Center.....	6.86	7.63	2
Astrophysical Research Consortium.....	6.70	4.12	9
Corporation of National Research Initiatives.....	6.68	6.32	1
Coriell Institute for Medical Research (Institute for Medical Research).....	6.64	5.91	1
Center For Cultural and Technical Interchange Between East & West, Inc.....	6.59	6.79	1
The Smith-Kettlewell Eye Research Institute.....	6.58	6.30	1
National Center for Manufacturing Science, Inc.....	6.54	10.02	8
Picower Institute for Medical Research.....	6.49	7.61	1
Lankenau Medical Research Center.....	6.44	6.53	1
Virginia Mason Research Center.....	6.32	5.52	1
Father Flanagans Boys Home.....	6.19	6.61	5
University Research Foundation, Inc.....	6.16	7.68	1
Blood Research Institute/Blood Center of Southeastern Wisconsin, Inc.....	6.15	5.98	1
Missouri Botanical Garden.....	6.00	5.40	5
Group Health Plan, Inc.....	6.00	5.00	1

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	1997	1996	
Sidney Kimmel Cancer Center.....	5.95	5.30	1
Texas Heart Institute.....	5.94	6.10	1
The Rowland Institute for Science, Inc.....	5.88	5.83	1
Childrens Hospital of Los Angeles.....	5.85	5.09	2
Trudeau Institute, Inc.....	5.52	4.25	1
St. Elizabeth's Medical Center of Boston.....	5.48	6.20	2
Maimonides Medical Center.....	5.39	5.30	2
Denver Health Research Foundation.....	5.24	4.48	2
Boston Biomedical Research Institute, Inc.....	5.16	6.74	1
Oregon Social Learning Center.....	5.14	4.41	1
Institute of Living.....	4.87	2.19	3
Public Private Ventures.....	4.82	5.60	1
Waste Policy Institute.....	4.77	4.23	1
School for Field Studies.....	4.71	4.75	5
California Academy of Sciences.....	4.60	4.20	1
American Dental Association Health Foundation Paffenbarger Research Center.....	4.55	4.35	5
Harvard Pilgrim Health Care.....	4.52	4.25	1
Lovelace Respiratory Research Institute.....	4.50	4.50	1
Baylor Research Institute.....	4.41	4.34	1
Pacific International Center for High Tech Research.....	4.30	3.17	1
John B. Pierce Laboratory.....	4.29	4.72	1
Palo Alto Medical Research Foundation.....	4.21	4.46	1
Center for Creative Leadership.....	4.15	3.09	1
Regenstrief Institute.....	4.08	3.89	1
Mathematical Sciences Research Institute.....	3.96	3.45	1
Huntington Medical Research Institutes.....	3.93	3.92	1
Comap (Consortium for Math and Its Applications).....	3.92	3.46	1
Institute of Ecosystem Studies, Inc.....	3.90	3.63	1
International Computer Science Institute.....	3.88	5.07	1
Huntington Memorial Hospital.....	3.82	3.66	1
Herty Foundation.....	3.67	4.11	1
Hebrew Rehabilitation Center for Aged.....	3.61	3.12	3
Swedish Medical Center.....	3.61	2.84	3
Carnegie Museum.....	3.48	4.94	6
Mt. Sinai Hospital of Greater Miami.....	3.37	3.03	3
Oceanic Institute (at Makapuu Point).....	3.31	3.03	1
Doheny Eye Institute.....	3.29	3.31	1
Surgical Associates Research and Educational Foundation.....	3.14	2.20	5
North Carolina Advanced Energy Corporation.....	3.13	2.94	8
Walter Cancer Institute, Inc.....	3.10	2.91	1
Woods Hole Research Center.....	3.05	3.45	1
Russell Sage Foundation.....	3.05	2.25	5

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	1997	1996	
Parkinsons Institute.....	3.05	2.61	1
Kestrel Institute.....	3.02	2.82	1
Neurological Sciences Institute.....	3.01	2.87	1
Pacific Northwest Research Foundation.....	2.97	2.14	1
Lowell Observatory.....	2.88	2.46	1
Endowment for Research in Human Biology, Inc.....	2.85	3.08	1
Sante Fe Institute.....	2.85	2.75	1
Hauptman-Woodard Medical Research Institute.....	2.78	2.90	1
Manomet, Inc.....	2.64	3.28	1
Baystate Medical Center.....	2.62	2.63	3
Human Gene Therapy Research Institute, Inc.....	2.60	2.00	1
Guthrie Foundation.....	2.59	2.38	1
Sun Health Research Institute.....	2.55	2.15	1
National Water Research Institute.....	2.50	2.50	1
Via Christi Research, Inc.....	2.49	2.41	3
Hospital Research and Educational Trust.....	2.48	3.06	1
Institute for Clinical Research, Inc.....	2.45	1.70	1
Denver Research Institute.....	2.42	2.52	9
National Disease Research Interchange.....	2.40	2.40	1
University of Tennessee Memorial Hospital.....	2.37	2.19	2
Childrens Healthcare of California.....	2.32	1.21	3
Institute of Global Environment and Society.....	2.32	2.35	1
Summa Health System Foundation.....	2.27	2.19	3
Puget Sound Blood Center and Blood Program.....	2.24	1.82	1
Deborah Heart and Lung Center.....	2.22	2.17	3
Dean McGee Eye Institute.....	2.18	1.87	1
Maine Medical Center.....	2.10	2.02	3
Institute of Advanced Manufacturing Science, Inc.....	2.00	2.00	1
Integris Baptist Medical Center of Oklahoma.....	2.00	1.50	1
National Institute of Statistical Sciences.....	2.00	1.70	1
Palisades Geophysical Institute, Inc.....	1.97	1.87	1
Michigan Molecular Institute.....	1.95	2.29	1
Minneapolis Heart Institute Foundation.....	1.93	1.99	1
Prince William Sound Science and Technology Institute.....	1.92	2.41	1
Sacramento Medical Foundation.....	1.91	1.36	1
Masonic Medical Research Laboratory.....	1.84	1.85	1
Loma Linda University Medical Center.....	1.81	0.70	2
Haskins Laboratories, Inc.....	1.75	1.90	1
Scientific Analysis Corporation.....	1.73	1.48	1
Pacific Health Research Institute.....	1.67	1.53	1
McLaughlin Research Institute.....	1.67	1.66	1
Tall Timbers Research, Inc.....	1.60	1.34	1

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	1997	1996	
Illinois State Museum.....	1.52	1.41	1
Merit Network, Inc.....	1.50	0.76	1
Kaiser Foundation Health Plan of Ohio.....	1.50	1.50	5
Matrix Research Institute.....	1.50	1.20	1
Sierra Biomedical Research Company.....	1.35	1.28	1
Center for American Archeology.....	1.31	1.42	1
National Academy of Engineering.....	1.30	1.78	4
Shepard Spinal Center.....	1.27	0.88	3
American Institute of Baking.....	1.22	1.22	1
National Science Center Foundation.....	1.21	1.41	5
American Institute for Property and Liability Underwriters, Inc.....	1.18	0.88	1
Chicago Zoological Society.....	1.11	0.86	6
American Type Culture Collection, Inc.....	1.11	0.88	1
La Jolla Institute for Experimental Medicine.....	1.05	0.96	1
Toledo Hospital.....	1.02	1.22	3
Kaiser Foundation Health Plan of Colorado.....	1.02	0.91	5
Alliance to Save Energy.....	1.00	0.80	4
National Institute for Environmental Renewal.....	1.00	0.50	1
Rancho Santa Ana Botanic Garden.....	1.00	1.00	6
Federation of American Society for Experimental Biology.....	0.89	1.41	4
American Society for Engineering Education.....	0.86	0.93	4
Urban Institute.....	0.85	0.58	1
American Association of Physics Teachers.....	0.83	0.88	4
Science Museum of Minnesota.....	0.78	0.74	6
Hektoen Institute for Medical Research.....	0.77	0.72	1
Winthrop University Hospital.....	0.75	0.62	2
Harrington Arthritis Research Center.....	0.72	0.94	1
Gemological Institute of America, Inc.....	0.71	0.61	1
Addiction Research and Treatment Corporation.....	0.69	1.35	5
Chicago Academy of Science.....	0.68	0.48	4
Foundation for Blood Research.....	0.66	1.05	1
Molecular Research Institute.....	0.65	0.92	1
Rumbaugh-Goodwin Institute for Cancer Research.....	0.65	0.60	1
St. Lukes Episcopal Hospital.....	0.65	0.64	3
Gulf & South Atlantic Fisheries Development Foundation, Inc.....	0.63	0.64	5
Rocky Mountain Institute.....	0.61	0.52	1
Telemedicine Research Center.....	0.58	0.43	1
National Center for Lead-Safe Housing, Inc.....	0.52	0.51	1
Sugar Processing Institute.....	0.51	0.50	1
Institute of Human Origins.....	0.51	0.66	1
Buck Center for Research in Aging.....	0.48	0.59	1
Fairchild Tropical Garden.....	0.47	0.45	6

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	1997	1996	
Eastern Maine Healthcare.....	0.46	0.41	3
Ewing Marion Kauffman Foundation.....	0.46	0.56	5
Community Research Initiative on AIDS.....	0.43	0.62	1
Wood Hudson Cancer Research Laboratory.....	0.43	0.36	1
EEG Systems Laboratories.....	0.43	0.33	1
Neuropsychiatric Research Institute.....	0.42	0.31	1
Marine Environmental Sciences Consortium.....	0.40	0.43	9
Northeast States for Coordinated Air Use Management, Inc.....	0.40	0.15	1
Inter-Industry Economic Research Fund, Inc.....	0.39	0.41	1
Space Physics Research Institute.....	0.38	0.32	1
Marie Selby Botanical Gardens.....	0.37	0.33	6
The Mercy Hospital of Pittsburgh.....	0.36	0.41	3
Council of Chief State School Officers.....	0.35	0.35	4
Cleveland Museum of Natural History.....	0.35	0.32	6
Graphic Arts Technical Foundation.....	0.33	0.25	7
GMI Engineering & Management Institute.....	0.30	0.20	9
Iowa Oncology Research Association.....	0.26	0.25	1
Earth Conservancy.....	0.25	0.47	8
APA The Engineered Wood Association.....	0.24	0.23	7
Harlan Moore Heart Research Foundation.....	0.23	0.18	5
MacNeal Hospital.....	0.21	0.38	3
National Collegiate Athletic Association.....	0.20	0.20	5
National Action Council for Minorities in Engineering (NACME).....	0.19	0.26	5
Rocky Mountain Biological Laboratory.....	0.17	0.25	1
Air-Conditioning & Refrigeration Institute.....	0.17	0.24	7
Cleveland Education Fund.....	0.13	0.11	1

<sup>1</sup>The organizations self-identified themselves into the following categories: 1. Research institute; 2. University-affiliated hospital; 3. Other voluntary nonprofit hospital; 4. Professional or technical society, or academy of science and/or engineering; 5. Private foundation; 6. Science exhibitor; 7. Trade association; 8. Industrial consortium; and 9. Academic consortium

**NOTE:** One nonprofit organization asked for its data to remain confidential.

**SOURCE:** National Science Foundation/Division of Science Resources Studies, Survey of R&D Funding & Performance by Nonprofit Organizations, 1996 and 1997